

REQUEST FOR QUOTATION (This is not an order)		THIS RFQ <input type="checkbox"/> IS <input checked="" type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE			PAGE OF PAGES 1 12					
1. REQUEST NO. RFQ-RT-03-00298		2. DATE ISSUED 07/16/2003		3. REQUISITION/PURCHASE REQUEST NO. PR-RT-03-00850		4. CERT. FOR NAT. DEF. UNDER BOSA REG. 2 AND/OR DMS REG. 1		RATING		
5a. ISSUED BY US EPA OARM SERVICE CENTER RTP PROCUREMENT OPERATIONS DIVISION RESEARCH TRIANGLE PARK, NC 27711					5b. FOR INFORMATION CALL: (No collect calls)			6. DELIVER BY (Date) 09/01/2003		
Name REBECCA CLAUSEN					TELEPHONE NUMBER (919) 541-3002 Fax: (919) 541-4273			7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)		
8. TO:					9. DESTINATION					
a. Name					a. Name of Consignee US EPA Mail Drop: PHARMACOKINETICS BRANCH 8512					
b. Company					b. Street Address RESEARCH TRIANGLE PARK					
c. Street Address					c. City RTP					
d. City			e. State		f. Zip Code		d. State NC		e. Zip Code 27711	
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS (Date) 08/04/2003					IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this request for Quotations must be completed by the quoter.					
12. SCHEDULE (Include applicable Federal, State and Local taxes)										
ITEM NO. (a)		SUPPLIES/SERVICES (b)			QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)		
1		Statistical Analysis in accordance with attached Statement of Work. Period of Performance: September 1, 2003 to February 28, 2004 EPA Project Officer: Jane Ellen Simmons (919) 541-7829 CONTINUATION OF CLAUSE FAR 52.212-2 (in addition labeled "FAR e" in this RFQ): e. Shall have demonstrated performance in statistical comparison of predicted mixture responses (developed as described in criteria 1) to those obtained by laboratory evaluation of the mixtures. Performance shall be demonstrated by publication in the peer-reviewed scientific literature. Past performance is more important than price.			1	LOT				
12. DISCOUNT FOR PROMPT PAYMENT					a.10 Calendar Days (%)		b.20 Calendar Days (%)		c.30 Calendar Days (%)	
									d. Calendar Days	
									Number Percent	
NOTE: Additional provisions and representations <input checked="" type="checkbox"/> are <input type="checkbox"/> are not attached.										
13. NAME AND ADDRESS OF QUOTER					14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION			15. Date Of Quotation		
a. NAME OF QUOTER										
b. STREET ADDRESS										
c. COUNTY					16. SIGNER					
					a. NAME (Type or Print)			b. TELEPHONE		
								Area Code		
d. CITY		e. STATE		f. ZIP CODE		c. TITLE (Type or Print)		Number		

**REQUEST FOR QUOTATION-
CONTINUATION**

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REQUEST NO.
RFQ-RT-03-00298

DATE ISSUED
07/16/2003

REQUISITION/PURCHASE REQUEST NO.
PR-RT-03-00850

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
1 (continued)	<p>Statistical Analysis</p> <p>[b] Options. The Government will evaluate offers for award purposed by adding the total price for all options to the total price for the basic requirement. The Government may determine that an offer is unacceptable if the option prices are significantly unbalanced. Evaluation of options shall not obligate the Government to exercise the option(s).</p> <p>[c] A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer, shall result in a binding contract without further action by either party. Before the offer's specified expiration time, the Government may accept an offer (or part of an offer), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award.</p>				

Additional Clause(s):

CUSTOM

N.C. SALES TAX EXEMPT

North Carolina General Statute 105-164.13(17) and Rule No. 48 Sales and Use Tax Regulations.
EPA Federal Tax Identification Number 520852695

EPAAR

1552.211-79 COMPLIANCE WITH EPA POLICIES FOR INFORMATION RESOURCES MANAGEMENT (OCT 00)
COMPLIANCE WITH EPA POLICIES FOR INFORMATION RESOURCES MANAGEMENT (OCT 2000)

(a) Definition. Information Resources Management (IRM) is defined as any planning, budgeting, organizing, directing, training, promoting, controlling, and managing activities associated with the burden, collection, creation, use and dissemination of information. IRM includes both information itself, and the management of information and related resources such as personnel, equipment, funds, and technology. Examples of these services include but are not limited to the following:

- (1) The acquisition, creation, or modification of a computer program or automated data base for delivery to EPA or use by EPA or contractors operating EPA programs.
- (2) The analysis of requirements for, study of the feasibility of, evaluation of alternatives for, or design and development of a computer program or automated data base for use by EPA or contractors operating EPA programs.
- (3) Services that provide EPA personnel access to or use of computer or word processing equipment, software, or related services.
- (4) Services that provide EPA personnel access to or use of: Data communications; electronic messaging services or capabilities; electronic bulletin boards, or other forms of electronic information dissemination; electronic record-keeping; or any other automated information services.

EPAAR

1552.211-79 COMPLIANCE WITH EPA POLICIES FOR INFORMATION RESOURCES MANAGEMENT (II) (OCT 00)

(b) General. The Contractor shall perform any IRM related work under this contract in accordance with the IRM policies, standards and procedures set forth in this clause and noted below. Upon receipt of a work request (i.e. delivery order or work assignment), the Contractor shall check this listing of directives (see paragraph (d) for electronic access). The applicable directives for performance of the work request are those in effect on the date of issuance of the work request.

- (1) IRM Policies, Standards and Procedures. The 2100 Series (2100-2199) of the Agency's Directive System contains the majority of the Agency's IRM policies, standards and procedures.
- (2) Groundwater Program IRM Requirement. A contractor performing any work related to collecting Groundwater data; or developing or enhancing data bases containing Groundwater quality data shall comply with EPA Order 7500.1A - Minimum Set of Data Elements for Groundwater.

EPAAR

1552.211-79 COMPLIANCE WITH EPA POLICIES FOR INFORMATION RESOURCES MANAGEMENT (III) (OCT 00)

(3) EPA Computing and Telecommunications Services. The Enterprise Technology Services Division (ETSD) Operational Directives Manual contains procedural information about the operation of the Agency's computing and telecommunications services. Contractors performing work for the Agency's National Computer Center or those who are developing systems which will be operating on the Agency's national platforms must comply with procedures established in the Manual. This document may be found at: <http://www.epa.gov/docs/etsdop/>.

(c) Printed Documents. Documents listed in (b)(1) and (b)(2) may be obtained from:

U.S. Environmental Protection Agency
Office of Administration
Facilities Management and Services Division
Distribution Section
Mail Code: 3204
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460
Phone: (202) 260-5797

(d) Electronic Access. A complete listing, including full text, of documents included in the 2100 Series of the Agency's Directive System is maintained on the EPA Public Access Server on the Internet at <http://epa.gov/docs/irmpoli8/>.

****end of clause****

FAR A

52.212-1 Instructions to Offerors-Commercial Items (OCT 00)

(a) (1) North American Industry Classification System (NAICS) code and small business size standard. The NAICS code and small business size standard for this acquisition is 541690 "Other Scientific and Technical Consulting Services".

(2) The small business size standard is <\$6M average annual revenue over the last three years.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Submission of offers. Submit signed and dated offers to the office specified in this solicitation at or before the exact time specified in this solicitation. Offers may be submitted on the Standard Form 18, letterhead stationery, or as otherwise specified in the solicitation. As a minimum, offers must show--

- (1) The solicitation number;
- (2) The time specified in the solicitation for receipt of offers;
- (3) The name, address, and telephone number of the offeror;
- (4) A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This may include product literature, or other documents, if necessary;
- (5) Terms of any express warranty;
- (6) Price and any discount terms;
- (7) "Remit to" address, if different than mailing address;
- (8) A completed copy of the representations and certifications at FAR 52.212-3;
- (9) Acknowledgment of Solicitation Amendments;
- (10) Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references (including contract numbers, points of contact with telephone numbers and other relevant information); and
- (11) If the offer is not submitted on the SF 1449, include a statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation. Offers that fail t

FAR B 52.212-1 Instructions to Offerors-Commercial Items (Continued 2) (OCT 00)

- (c) Period for acceptance of offers. The offeror agrees to hold the prices in its offer firm for 30 calendar days from the date specified for receipt of offers, unless another time period is specified in an addendum to the solicitation.
- (d) Product samples. When required by the solicitation, product samples shall be submitted at or prior to the time specified for receipt of offers. Unless otherwise specified in this solicitation, these samples shall be submitted at no expense to the Government, and returned at the sender's request and expense, unless they are destroyed during preaward testing.
- (e) Multiple offers. Offerors are encouraged to submit multiple offers presenting alternative terms and conditions or commercial items for satisfying the requirements of this solicitation. Each offer submitted will be evaluated separately.
- (f) Late submissions, modifications, revisions, and withdrawals of offers. (1) Offerors are responsible for submitting offers, and any modification, revisions, or withdrawals, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that offers or revisions are due.
- (2)(i) Any offer, modification, revision, or withdrawal of an offer received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines authorized representative if, before the exact time set for receipt of offers, the identity of the person requesting withdrawal is established and the person signs a receipt for the offer.

FAR C 52.212-1 Instructions to Offerors-Commercial Items (Continued 3) (OCT 00)

- (A) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of offers; or
- (B) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or
- (C) If this solicitation is a request for proposals, it was the only proposal received.
- (ii) However, a late modification of an otherwise successful offer, that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.
- (3) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the offer wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.
- (4) If an emergency or unanticipated event interrupts normal Government processes so that offers cannot be received at the Government office designated for receipt of offers by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation or other notice of an extension of the closing date, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

FAR D 52.212-1 Instructions to Offerors-Commercial Items (Continued 4) (OCT 00)

- (5) Offers may be withdrawn by written notice received at any time before the exact time set for receipt of offers. Oral offers in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile offers, offers may be withdrawn via facsimile received at any time before the exact time set for receipt of offers, subject to the conditions specified in the solicitation concerning facsimile offers. An offer may be withdrawn in person by an offeror or its authorized representative if, before the exact

time set for receipt of offers, the identity of the person requesting withdrawal is established and the person signs a receipt for the offer.

(g) Contract award (not applicable to Invitation for Bids). The Government intends to evaluate offers and award a contract without discussions with offerors. Therefore, the offeror's initial offer should contain the offeror's best terms from a price and technical standpoint. However, the Government reserves the right to conduct discussions if later determined by the Contracting Officer to be necessary. The Government may reject any or all offers if such action is in the public interest; accept other than the lowest offer; and waive informalities and minor irregularities in offers received.

(h) Multiple awards. The government may accept any item or group of items of an offer, unless the offeror qualifies the offer by specific limitations. Unless otherwise provided in the Schedule, offers may not be submitted for quantities less than those specified. The Government reserves less than those specified. The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the offeror specifies otherwise in the offer.

FAR E 52.212-1 Instructions to Offerors-Commercial Items (Continued 5) (OCT 00)

(i) Availability of requirements documents cited in the solicitation. (1)(i) The GSA Index of Federal Specifications, Standards and Commercial Item Description, FPMR Part 101-29, and Copies of specification, standa

GSA Federal Supply Service Specifications Section
Suite 8100
470 East L'Enfant Plaza, SW
Washington, DC 20407

Telephone (202) 619-8925
Facsimile (202) 619-8978.

(ii) If the General Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specification, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (i)(1)(i) of this provision. Additional copies will be issued for a fee.

(2) The DoD Index of Specifications and Standards (DoDISS) and documents listed in it may be obtained from the--

Department of Defense Single Stock Point (DoDSSP)
Building 4, Section D
700 Robbins Avenue
Philadelphia, PA 19111-5094

Telephone (215) 697-2667/2179
Facsimile (215) 697-1462.

FAR F 52.212-3 Offeror Representations and Certifications-Commercial Items (Continued 6) (JUL 03)

(a) Definitions. As used in this provision:

"Emerging small business" means a small business concern whose size is no greater than 50 percent of the numerical size standard for the NAICS code designated.

"Forced or indentured child labor" means all work or service-

(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

"Service-disabled veteran-owned small business concern"-

(1) Means a small business concern-

(i) Not less than 51 percent of which is owned by one or more service-disabled Veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and size standards in this solicitation.

"Veteran-owned small business concern" means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101

(2) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and in the case of any publicly owned business, at least 51 percent

FAR G 52.212-3 Offeror Representations and Certifications-Commercial Items Continued2 (JUN 03)

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned business concern" means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

"Women-owned small business concern" means a small business concern-

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(b) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (b)(3) through (b)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

FAR H 52.212-3 Offeror Representations and Certifications-Commercial Items Continued3 (JUN 03)

(3) Taxpayer Identification Number (TIN).

___ TIN: _____.

___ TIN has been applied for.

___ TIN is not required because:

___ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

___ Offeror is an agency or instrumentality of a foreign government;

___ Offeror is an agency or instrumentality of the Federal Government.

(4) Type of organization.

___ Sole proprietorship;

___ Partnership;

___ Corporate entity (not tax-exempt);

___ Corporate entity (tax-exempt);

___ Government entity (Federal, State, or local);

___ Foreign government;

___ International organization per 26 CFR 1.6049-4;

___ Other _____.

(5) Common parent.

___ Offeror is not owned or controlled by a common parent;

___ Name and TIN of common parent:

Name _____.

TIN _____.

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

(1) Small business concern. The offeror represents as part of its offer that it is, or is not a small business concern.

(2) Veteran-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents as part of its offer that it o is, o is not a veteran-owned small business concern.

(3) Service-disabled veteran-owned small business concern. [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it o is, o is not a service-disabled v

FAR I 52.212-3 Offeror Representations and Certifications-Commercial Items Continued4 (JUN 03)

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

(1) Small business concern. The offeror represents as part of its offer that it ___ is, ___ is not a small business concern.

(2) Veteran-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents as part of its offer that it ___ is, ___ is not a veteran-owned small business concern.

(3) Service-disabled veteran-owned small business concern. [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it ___ is, ___ is not a service-disabled veteran-owned small business concern.

(4) Small disadvantaged business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, for general statistical purposes, that it ___ is, ___ is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) Women-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it o is, o is not a women-owned small business concern.

Note: Complete paragraphs (c)(6) and (c)(7) only if this solicitation is expected to exceed the simplified acquisition threshold.

(6) Women-owned business concern (other than small business concern). [Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.]

The offeror represents that it ___ is a women-owned business concern.

FAR J 52.212-3 Offeror Representations and Certifications-Commercial Items Continued5 (JUN 03)

(7) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price: _____

(8) Small Business Size for the Small Business Competitiveness Demonstration Program and for the Targeted Industry Categories under the Small Business Competitiveness Demonstration Program. [Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.]

(i) [Complete only for solicitations indicated in an addendum as being set-aside for emerging small businesses in one of the four designated industry groups (DIGs).] The offeror represents as part of its offer that it ___ is, ___ is not an emerging small business.

(ii) [Complete only for solicitations indicated in an addendum as being for one of the targeted industry categories (TICs) or four designated industry groups (DIGs).] Offeror represents as follows:

(A) Offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or

(B) Offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).

FAR K 52.212-3 Offeror Representations and Certifications-Commercial Items Continued6 (JUN 03)

(Check one of the following):

Number of Employees Average Annual Gross Revenues

___ 50 or fewer	___ \$1 million or less
___ 51-100	___ \$1,000,001-\$2 million
___ 101-250	___ \$2,000,001-\$3.5 million
___ 251-500	___ \$3,500,001-\$5 million
___ 501-750	___ \$5,000,001-\$10 million
___ 751-1,000	___ \$10,000,001-\$17 million
___ Over 1,000	___ Over \$17 million

(9) [Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns, or FAR 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.]

(i) General. The offeror represents that either-

(A) It ___ is, ___ is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

(B) It ___ has, ___ has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124. Subpart 1B, and a decision on that application is

pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

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(ii) _____ Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(9)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.]

(10) HUBZone small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that-

(i) It _____ is, _____ is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It _____ is, _____ is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for the BZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Representations required to implement provisions of Executive Order 11246-

FAR M 52.212-3 Offeror Representations and Certifications-Commercial Items Continued8 (JUN 03)

(1) Previous contracts and compliance. The offeror represents that-

(i) It _____ has, _____ has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) It _____ has, _____ has not filed all required compliance reports.

(2) Affirmative Action Compliance. The offeror represents that-

(i) It _____ has developed and has on file, _____ has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR parts 60-1 and 60-2), or

(ii) It _____ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$100,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

(f) Buy American Act Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act-Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms "component," "domestic end product," "end product,

FAR N 52.212-3 Offeror Representations and Certifications-Commercial Items Continued9 (JUN 03)

(2) Foreign End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) Buy American Act-North American Free Trade Agreement-Israeli Trade Act Certificate. (Applies only if the clause at FAR 52.225-3, Buy American Act-North American Free Trade Agreement-Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end

product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms "component," "domestic end product," "end product," "foreign end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act-North American Free Trade Agreement-Israeli Trade Act."

(ii) The offeror certifies that the following supplies are NAFTA country end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act-North American Free Trade Agreement-Israeli Trade Act":

NAFTA Country or Israeli End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) of this provision) as defined in the clause of this solicitation entitled "Buy American Act-North American Free Trade Agreement-Israeli Trade Act." The offeror shall list as other foreign end products those end products manufactured in the Unit

FAR O 52.212-3 Offeror Representations and Certifications-Commercial Items Continued10 (JUN 03)

Other Foreign End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) Buy American Act-North American Free Trade Agreements-Israeli Trade Act Certificate, Alternate I (May 2002). If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled "Buy American Act-North American Free Trade Agreement-Israeli Trade Act":

Canadian End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

(3) Buy American Act-North American Free Trade Agreements-Israeli Trade Act Certificate, Alternate II (May 2002). If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act-North American Free Trade Agreement-Israeli Trade Act":

Canadian or Israeli End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

FAR P 52.212-3 Offeror Representations and Certifications-Commercial Items Continued 11 (JUN 03)

(4) Trade Agreements Certificate. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.-made, designated country, Caribbean Basin country, or AFTA country end product, as defined in the clause of this solicitation entitled "Trade Agreements."

(ii) The offeror shall list as other end products those end products that are not U.S.-made, designated country, Caribbean Basin country, or NAFTA country end products

Other End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items subject to the Trade Agreements Act, the Government will evaluate offers of U.S.-made, designated country, Caribbean Basin country, or NAFTA country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made, designated country, Caribbean Basin country, or NAFTA country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) Certification Regarding Debarment, Suspension or Ineligibility for Award (Executive Order 12549). (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals-

FAR P.1 52.212-3 Offeror Representations and Certifications-Commercial Item Continued 11.1 (JUN 03)

(1) ____ Are, ____ are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency; and

(2) ____ Have, ____ have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(3) ____ Are, ____ are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.

FAR P.2 52.212-3 Offeror Representations and Certifications-Commercial Item Continued 11.2 (JUN 03)

(i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (i)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]

(1) Listed end products.

Listed End Product	Listed Countries of Origin
_____	_____
_____	_____

(2) Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.]

[_____] (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

[_____] (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

FAR e 52.212-2 Evaluation-Commercial Items (Jan 1999) (JAN 99)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer, conforming to the solicitation, will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers:

Price and Past Performance. As part of their offer, the offeror is to detail their past performance in regard to efforts similar to that proposed for this award. Such performance may be with the key researcher's current organization/affiliation, or with any prior firm/organization. A point-of-contact and phone number should be provided for each distinct study or effort detailed. The offeror's Past Performance will be assessed for similarity to the proposed effort, based on the following parameters:

- a. Annual Dollar Value
 - b. Length of Contract
 - c. Shall have demonstrated performance in using single-chemical dose-response data to predict the expected dose-additive response of mixtures of those chemicals at specified total dose levels and specified relative proportions of the chemicals in the mixture. The definition of dose additivity shall be the same as that used by Berenbaum (Pharmacological Reviews, Vol. 1989, 41:93-141), as described by the interaction index: $da/Da + db/Db + \dots + dj/Dj = 1$, where da , db and dj are isoeffective and Da , Db and Dj are the concentrations in the mixture. Performance shall be demonstrated by publication in the peer-reviewed scientific literature.
 - d. Shall have demonstrated the performance to incorporate biological variability in the estimate of the predicted mixture response by calculation of 95% prediction intervals for the predicted response of the mixture. Performance of such shall be demonstrated by publication in the peer-reviewed scientific literature.
- CLAUSE CONTINUED ON RFQ PAGE 1.

STATEMENT OF WORK.

DESCRIPTION OF PROJECT

The contractor shall analyze a data set comprised of 18 single chemicals and a fixed-ratio ray mixture of these 18 chemicals. The single chemicals include 2 dioxins, 4 dibenzofurans and 12 polychlorinatedbiphenyls. Each single chemical was evaluated at a minimum of 7 and a maximum of 9 dose levels. The mixture was tested at 6 non-zero dose levels. The endpoint of interest is serum thyroxine (T4) in animals dosed for 4 consecutive days. T4 was measured 24 hr after the last dose.

The data to be analyzed under this contract are the serum T4 data from this large project. As part of the scope of work of the contract, the contractor shall determine the suitability of the data for analysis by these methods.

The data shall be analyzed by the additivity models described in Gennings et al., 1997 (An Efficient Approach for Detecting Departure from Additivity in Mixtures of Many Chemicals with a Threshold Additivity Model, *Journal of Agricultural, Biological and Environmental Statistics*, 2:198-211, 1997), Gennings et al., 2002 (Statistical Analysis of Interactive Cytotoxicity in Human Epidermal Keratinocytes Following Exposure to a Mixture of Four Metals, *Journal of Agricultural, Biological and Environmental Statistics*, 7:58-73, 2002), Meadows et al. 2002 (Experimental Designs for Mixtures of Chemicals Along Fixed Ratio Rays, *Environmental Health Perspectives*, 110:979-983, 2002), Meadows et al. 2003 (Analysis of Mixtures of Drugs/Chemicals Along a Fixed Ratio Ray Without Single Chemical Data to Support an Additivity Model. *Journal of Agricultural, Biological and Environmental Statistics*, accepted subject to revision, 2003) and Gennings et al, 2003 (Analysis of Functional Effects of a Mixture of Five Pesticides Using a Ray Design, *Pharmacology and Toxicology*, Submitted, 2003). Specifically, the single-chemical data will be used, under an assumption of dose-additivity, to predict the response of the fixed-ratio mixture. By comparison of the predicted to the experimental data, an overall test of additivity will be provided as well as comparisons of the individual mixture points (predicted to observed). Individual data point predictions will include both the predicted value and the 95% prediction interval for the estimate.

PURPOSE

The purpose of this contract is to provide professional services for statistical analysis of a large mixture data set generated by the NHEERL/U.S. EPA. The contractor shall analyze and report the results of the data analyses to the U.S. EPA. Additivity model methods and techniques are to be used by the contractor. Such methods and techniques have been described by Gennings et al., 1997, Gennings et al., 2002 and Gennings et al, 2003. It is important that the data analysis for this data set be done based on methods and procedures suited to the experimental design used.

SPECIFIC TASKS IN THE STATEMENT OF WORK

1) Within one month of receipt of the data, the contractor shall develop a draft work plan for data analysis.

2) The contractor shall determine and provide summary statistics of the data at the beginning and end of the project (see Quality Assurance/Quality Control below). The summary statistics shall include, for each dose group, the mean serum T4, n (number of animals in the group) and SD (standard deviation).

3) The contractor shall evaluate the data supplied by the U.S. EPA to determine suitability for analysis by the specified techniques. If the serum T4 endpoint is determined not to be amenable to analysis by these methods, the contractor shall a) include the reasons as part of the final report and b) evaluate the suitability of other statistical analysis methods. The contractor shall also include suggestions for additional analyses of the data, including a preliminary determination of the suitability of analysis of the mixture data only by the Single Agent Not Required Method (Meadows et al., 2002, 2003; Gennings et al., 2003).

4) The contractor shall analyze the data set to determine the main effects of the 18 single chemicals.

5) The contractor shall analyze the data set to determine the interactive effects of the chemicals given in combination, based on comparison of the experimentally observed effect of the mixture on serum T4 to that predicted under an assumption of dose addition. By comparison of the predicted to the experimental data, an overall test of additivity will be provided as well as comparisons of the individual mixture points (predicted to observed). Individual data point predictions will include both the predicted value and the 95% prediction interval for the estimate. Following this analysis, the contractor may elect, based on the professional judgement of the contractor, to examine the data by other advanced statistical techniques.

6) If under Specific Task 4 a nonadditive interaction is detected, the contractor shall evaluate the suitability of the data for estimation of the interaction threshold. If the data are suitable, the estimated interaction threshold shall be determined.

7) The contractor shall prepare a final summary of the results of the above Specific Tasks and shall transmit the results to the U.S. EPA by means of both a written report and by oral communication of the results to the U.S. EPA. The written report shall be supplied to the U.S. EPA no later than two weeks prior to the oral communication of the results. The contractor shall visit the NHEERL/U.S. EPA for oral communication of the analysis results.

DELIVERABLES

There shall be three deliverables for this project.

1). A data analysis work plan to be developed upon receipt of the data. The draft work plan is due to the U.S. EPA within 2 working months of data receipt. The work plan should include the summary statistics requested under Specific Task 2.

2). An interim report providing progress to date. The interim report shall be due no later than 3

Statement of Work Continued

months after approval of the work plan by the U.S. EPA. At a minimum, the interim report shall provide the results of Specific Tasks 3 (suitability for analysis by specified techniques) and 4 (analysis of the single chemical data).

3). A final written report (Specific Task 7) conveying the results of the complete data analysis, including the results of each Specific Task, with emphasis on Specific Tasks 5 and 6. This will be followed by oral communication of the results to the U.S. EPA. The final report shall include the second set of summary data statistics (mean, n, SD) as specified under Quality Assurance/Quality Control.

US GOVERNMENT RESPONSIBILITIES.

- 1) The data set will be supplied to the contractor by the U.S. EPA.
- 2) The data will be entered in either SAS files or EXCEL files by U.S. EPA personnel.
- 3) The data files, along with a description of the code names used, will be sent to the contractor by e-mail.
- 4) The U.S.EPA will review the summary statistics to ensure that the group statistics provided by the contractor match those of the data set sent by the U.S. EPA to the contractor.
- 5) The U.S. EPA will establish a conference call with the contractor, once the data have been received, to answer any questions that the contractor may have regarding the data and the format in which they were transmitted.
- 6) The U.S. EPA shall review the work plan and either approve it or recommend modifications. If modifications to the work plan are recommended, the U.S. EPA shall review and approve the modified work plan.
- 7) The U.S. EPA shall review and approve the interim report. If modifications to the interim report are suggested, the U.S. EPA shall review and approve the modified report.
- 8) The U.S. EPA shall review the final report and either accept it or recommend modifications. If modifications are recommended, the U.S. EPA shall review and approve the modified final report.
- 9) Upon receipt of the approved final report, the U.S. EPA shall establish a mutually agreeable date for the contractor to travel to NHEERL/U.S. EPA, RTP, NC for a verbal presentation of the final report.

QUALITY ASSURANCE/QUALITY CONTROL

Within 60 days of receipt of the data, the contractor shall provide summary statistics for each endpoint in the data set. These summary statistics are to consist of: a) the mean of the data; b) n (the number of observations in the data set); and, c) the standard deviation of the data. The U.S. EPA will compare these numbers to those generated by the U.S. EPA to ensure a) that the contractor received the proper data set, b) that errors did not occur during the transmission of the data and c) that the contractor is using the correct data in the subsequent analyses of the data. As

Statement of Work Continued

part of the final report, the contractor shall include a second set of summary statistics for each endpoint analyzed. This set of summary statistics shall provide the same information included in the first set of summary statistics, with the difference being that these shall be generated with the data used in the final statistical analysis of that endpoint. The contractor shall compare the first and second set of summary statistics and report any deviations to the U.S. EPA as part of the final report. Upon receipt of the final report, the U.S. EPA shall compare the three sets of summary statistics (the one generated by the U.S. EPA at the time the data are sent, the one generated by the contractor at the time the data are received and the one generated by the contractor for the data used in the final analysis of each endpoint).